



ATTORNEY DOCKET 728-235 (YOR9-2003-0122-US1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Arun Hampapur et al. Examiner:

Serial No.: 10/620,247

Group Art Unit: 2613

Filed: July 15, 2003

Date: March 16, 2004

For: **SELECTIVE SURVEILLANCE SYSTEM WITH ACTIVE SENSOR  
MANAGEMENT POLICIES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed on the attached form PTO-1449 is brought to the attention of the Examiner. A copy of the listed references are enclosed.

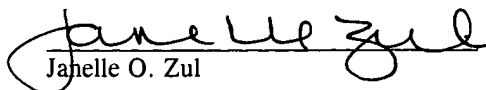
The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to a substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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CERTIFICATION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: March 16, 2004

  
Jahelle O. Zul

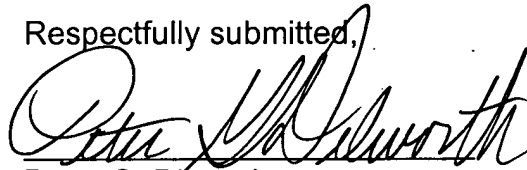
The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

- ☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application.
- ☒ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☐ Enclosed herewith is a certificate under 37 C.F.R. § 1.97(e)(1).
- ☐ Enclosed herewith is a petition under 37 C.F.R. § 1.97(d)(ii).
- ☐ Enclosed by check is the petition fee of \$130.00. 37 C.F.R. § 1.17(i)(1))
- ☐ Please charge the **\$130.00** petition fee to Deposit Account No. **05-0510-IBM**.
- ☐ Enclosed by check is the **\$180.00** fee required by 37 C.F.R. § 1.17(p).
- ☐ Please charge the **\$180.00** fee required by 37 C.F.R. § 1.17(p) to Deposit Account No. **05-0510-IBM**.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account **05-0510-IBM**. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. **05-0510-IBM** therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter G. Dilworth", is written over a horizontal line.

Peter G. Dilworth

Reg. No. 26,450

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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APPLICANTS

Arun Hampapur et al.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	Peixoto, Batista and Araujo, "A Surveillance System Combining Peripheral and Foveated Motion Tracking," ICPR, 1998
		2.	Collins, Lipton, Fujiyoshi, and Kanade, "Algorithms for cooperative multisensor surveillance," Proc. IEEE, Vol. 89, No. 10, Oct. 2001
		3.	Stillman, Tanawongsuwan and Essa, "A System for Tracking and Recognizing Multiple People with Multiple Cameras," Georgia TR# GIT-GVU-98-25, August 1998
		4.	"FaceIt" a commercially available package from Identix Corporation found on the Internet at <a href="http://www.identix.com/">http://www.identix.com/</a>
		5.	"Appearance Models for Occlusion Handling" by Andrew Senior, Arun Hampapur, Ying-Li Tian, Lisa Brown, Sharath Pankanti and Ruud Bolle published in <i>Proceedings 2nd IEEE Int. Workshop on PETS, Kauai, Hawaii, USA, in December 9 2001</i>
		6.	Haritaoglu, D. Harwood, and L. S. Davis. W4: Real-time surveillance of people and their activities. <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 22(8): 809-830, August 2000
		7.	"Face Cataloger: Multi-Scale Imaging for Relating Identity to Location" by Arun Hampapur, Sharath Pankanti, Andrew Senior, Ying-Li Tian, Lisa Brown, Ruud Bolle, to appear in IEEE Conf. on Advanced Video and Signal based Surveillance Systems, 20-22 July 2003, Miami FL
		8.	Comanicui D, Ramesh V and Meer P, Real Time Tracking of Non-Rigid Objects using Mean Shift, IEEE Conf on Computer Vision and Pattern Recognition, Vol. II, 2000, pp 142-149

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.